

Assoc. Prof. MUHAMMED ÜÇÜNCÜ

Personal Information

Email: muhammed.ucuncu@deu.edu.tr

Web: <https://avesis.deu.edu.tr/muhammed.ucuncu>

International Researcher IDs

ORCID: 0000-0001-6200-9340

Publons / Web Of Science ResearcherID: GOE-5921-2022

ScopusID: 36976385500

Yoksis Researcher ID: 114106

Education

Doctorate, Izmir Institute Of Technology, Turkey 2011 - 2016

Postgraduate, Izmir Institute Of Technology, Turkey 2009 - 2011

Undergraduate, Izmir Institute Of Technology, Turkey 2004 - 2009

Dissertations

Doctorate, Design and synthesis of boron-dipyrromethene (BODIPY) based fluorescent and colorimetric sensors for the detection of gold and mercury ions, Izmir Institute Of Technology, 2016

Postgraduate, Palladium catalyzed reactions of 2-en-4-yne carbonates with organoboronic acids, Izmir Institute Of Technology, 2011

Journal articles indexed in SCI, SSCI, and AHCI

- I. **A BODIPY based probe for the reversible "turn on" detection of Au(III) ions**
ÜÇÜNCÜ M.
TURKISH JOURNAL OF CHEMISTRY, vol.46, no.2, pp.523-529, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Rapid detection of major Gram-positive pathogens in ocular specimens using a novel fluorescent vancomycin-based probe**
Sharma R., Rajagopalan H., Klausen M., Jeyalatha M. V., ÜÇÜNCÜ M., Venkateswaran S., Anand A. R., Bradley M.
SENSORS & DIAGNOSTICS, vol.1, pp.1014-1020, 2022 (Scopus)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Sensing Cellular Activities In Various Biological Species Through The Fluorescent Probes**
SAYGILI E., ÜÇÜNCÜ M.
DRD23, İzmir, Turkey, 4 - 06 May 2023, (Summary Text)
- II. **Detection of biothiols through the gold-nanoparticles decorated with 'turn on' BODIPY probe**

Saygılı E., ÜÇÜNCÜ M.

4th International Eurasian Conference on Science, Engineering and Technology, Ankara, Turkey, 14 - 16 December 2022, (Full Text)

- III. **Fenalenon Temelli Kemosensörlerin Tasarımı, Sentezi Ve Optik Özelliklerinin İncelenmesi**
ÜÇÜNCÜ M.
34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022, (Summary Text)
- IV. **OPTICAL MOLECULAR IMAGING: FLUORESCENT SMART PROBES FOR PATHOGEN DETECTION**
ÜÇÜNCÜ M.
6th International Conference on New Trends in Chemistry, 17 - 18 October 2020, (Summary Text)
- V. **Fibre Platform for Multiplexed Physiological Sensing in the Distal Lung with Fluorescent Probes on Multicore Fibres**
Tanner M. G., Choudhary T. R., Ehrlich K., Megia-Fernandez A., Harrington K., Wood H. A., Marshall A., Zhu P., Chankeshwara S., Choudhury D., et al.
Clinical and Translational Biophotonics 2020, Washington, Kiribati, 20 - 23 April 2020, pp.1-4, (Full Text)
- VI. **Yeni Bir BODIPY-Altın Türevinin Fotodinamik Terapi Etkisinin İncelenmesi**
KARAKUŞ E., ÜÇÜNCÜ M., KURULGAN DEMİRCİ E., EMRULLAHOĞLU M.
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 March 2018, (Summary Text)
- VII. **Altın İyonlarına Duyarlı BODIPY Yapısında Floresan Sensörler**
ÜÇÜNCÜ M., KARAKUŞ E., EMRULLAHOĞLU M.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, (Summary Text)
- VIII. **BENZO-BIMAN YAPISINDAKİ BİLEŞİKLERİN BAKIR KATALİZÖRÜ KULLANILARAK SENTEZİ**
ZEYBEK H., ÇETİNTAŞ C., ÜÇÜNCÜ M., EMRULLAHOĞLU M.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 August 2015, (Summary Text)
- IX. **Rhodamine immobilized electrospun chitosan nanofibrous mat as a fluorescence turn on Hg²⁺ sensor**
METE D., HORZUM POLAT N., KARAKUŞ E., ÜÇÜNCÜ M., EMRULLAHOĞLU M., DEMİR M. M.
International Conference on Green Chemistry and Sustainable Technologies, İzmir, Turkey, 30 September 2015 - 03 October 2014, (Summary Text)

Metrics

Publication: 11

Citation (Scopus): 5

H-Index (Scopus): 1